

REMARKS

Attorney for Applicant wishes to express his sincere appreciation for Examiner Koslow's assistance and comments.

Claims 1 and 2 of the parent application were rejected under 35 U.S.C. 102. In addition, claims 1 through 28 were rejected under 35 U.S.C. 112. Subsequently submitted claims 29 through 35 were rejected under 35 U.S.C. 112.

The newly submitted claims are believed to conform to the provisional application in that the claimed effective pupil lumens per watt is consistent.

In addition, Examiner Koslow cited Northrup against claims 1 and 2. Northrup relates to rare earth phosphor blends including yttrium oxide, europium, terbium and calcium. Admittedly these compounds are found in Applicant's invention. However, Applicant's invention further includes strontium boride, barium yttrium oxide and barium borate in relative amounts set forth in the accompanying claims that optimize the pupil lumens per watt ratio.

Specifically, independent claim 29 defines a combination of compounds formulated to coat the inside of a lamp to emit light having a spectral distribution to enhance effective pupil lumens. The compounds comprise strontium boride, yttrium oxide, barium yttrium oxide, europium, terbium, barium borate and calcium in percentages by weight of the combination of compounds are about 46 percent strontium boride, about 24 percent each of yttrium oxide and barium yttrium oxide, about 2 percent each of europium and terbium, and about 1 percent each of barium borate and calcium.

Since Northrup neither teaches nor suggests the combination of elements or compounds claimed in newly submitted independent claim 29, newly submitted independent claim 29 is believed allowable and such is respectfully requested.

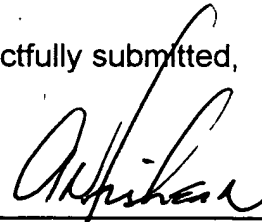
Moreover, newly submitted dependent claims 30 through 34 depend either directly or indirectly from newly submitted independent claim 29. While each contains additional elements, each of these dependent claims contains all the elements of newly submitted independent claim 29 and therefore is also believed in condition for allowance.

The Specification and Claims as amended do not introduce new matter.

A new **Declaration** was previously submitted in the parent application as requested.

Allowance of this application is respectfully requested. Examiner Koslow is invited to contact Applicant's attorney by telephone in order to expeditiously conclude this prosecution.

Respectfully submitted,



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